

ABSTRACT

A system (100) and method for the production and distribution of random bits is disclosed. The system uses a truly random source (102) to generate random data. The random data is sent to an input interface (104), which converts the random data to a random bit stream. The random bit stream is coupled from the input interface (104) to a processor (106) via bus (109). The processor (106) executes instructions received from memory (110) and converts the random bit stream into a machine-readable format. The machine-readable random bit stream is sent to network connection (108) and made available to network (112). A remote user (114) requests a random bit stream from system (100) over network (112). System (100) sends the requested number of random bits to the remote user (114). System (100) can include other functionality such as accounting procedures, error checking, user authorization, and data archiving to further enhance operation and aid in conducting business involving the production and distribution of random bit streams.